Meccano Prize Models

MECCANO COMPANY, INC
'1 WEST 23RD ST.
46 WEST 24TH ST.
NEW YORK

Price 15 Cents

A SELECTION OF THE MODELS WHICH WERE AWARDED PRIZES IN THE MECCANO COMPETITION 1914-15

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A PERSONAL NOTE FROM THE INVENTOR OF MECCANO TO ALL COMPETITORS IN THE 1914-15 COMPETITION

HE judging of this competition has been one of the most pleasurable tasks I have ever undertaken. The high standard of merit attained by many hundreds of competitors has made the awarding of the prizes a difficult business. The first twelve or more models are of such excellence that I should have liked to give them each a first prize, but I have finally decided that the fairest course is to split up the bigger cash prizes, and I feel sure that when you have examined the models themselves, you will agree that this was the only course.

Nothing in this competition has pleased me so much as to see the splendid use which competitors have made of the new Meccano patented parts, especially the crank and the coupling. It is only these parts which have enabled many of the best models to be constructed, and it is gratifying to me to know that these and other parts, which are contained in Meccano only, enable models to be built which are impossible with any other system of construction.

I should like to give my warm congratulations to every winning competitor on the ingenuity and cleverness which he has shown. To those who have not been successful, I would say that the majority have fallen short only by a very little. I should like to meet each competitor personally and to talk over Meccano with him; but as they come from every civilized country in the world, this might be a little too difficult. I feel that the 10,000 competitors are 10,000 warm friends of Meccano, and I look forward to seeing more of their work in our next big Meccano competition.

There will be more new parts this year, and I want you to specially note the Meccano Girder Strip. This will enable you to build bigger, bolder, and finer-looking models. There are other new parts which will strengthen up the Meccano hobby, and make it even better than ever. We have designed and produced a special electric motor, which is included in some of the new Meccano Outfits. Each Meccano user should possess one of these fine motors. Then there is the "Inventor's Accessory Outfit," which contains the new Girder Strips, and a number of other useful parts, which each of you will want to possess. Altogether, Meccano has made big strides this year, and it will well mantain its reputation as the most fascinating and instructive hobby for boys in the world.

My best wish to you is that Meccano may continue to give you pleasure for many years to come.

PRESIDENT

Hank Stomby

MECCANO Co., INC.

FACTS WHICH THE MECCANO COMPETITION HAS ESTABLISHED

The first is that Meccano has warm-hearted friends in every corner of the world. Ten thousand of these friends have sent in their work to us, with letters which demonstrate the closeness of their attachment to us.

Every mechanical movement can be effected with Meccano, and there is not an engineering feat which cannot be duplicated. This is a fact which we have been driving home for years. If it required any further clinching, it should only need to be stated that 10,000 new models have been sent to us in this competition, each one showing a different mechanical movement, no two being alike.

Another fact has been established which every prospective purchaser ought to think deeply over before deciding, viz., that Meccano will do more than any other constructional toy or all of them put together, will do it better, and that it has more value and possibilities of enjoyment in it than any other toy.

REASONS FOR THE GREAT SUCCESS OF THE MECCANO COMPETITION

The first reason is that the brightest and brainiest boys in the world have put their energies to it. There is not a civilized country in the world where Meccano is not a household word, and there are few wideawake boys who do not own an outfit.

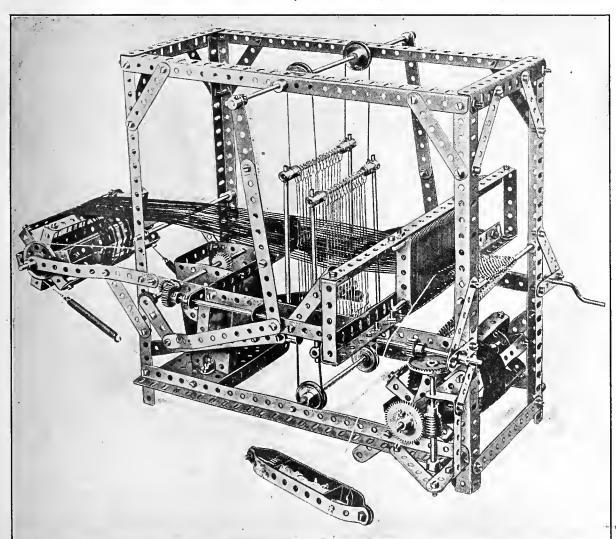
The second reason is that in the Meccano system are patented interchangeable parts which enable the user to make any mechanical movement he desires. This is the secret of the great success of Meccano. It is real engineering, and its principles stand true to every test. No other system possesses the same parts, and by no other means can the same wonderful results be obtained.

When you ask for Meccano, see that you get it. Nothing else is "just as good"—nothing else will do the same.

INSIST ON THE TRADE NAME MECCANO

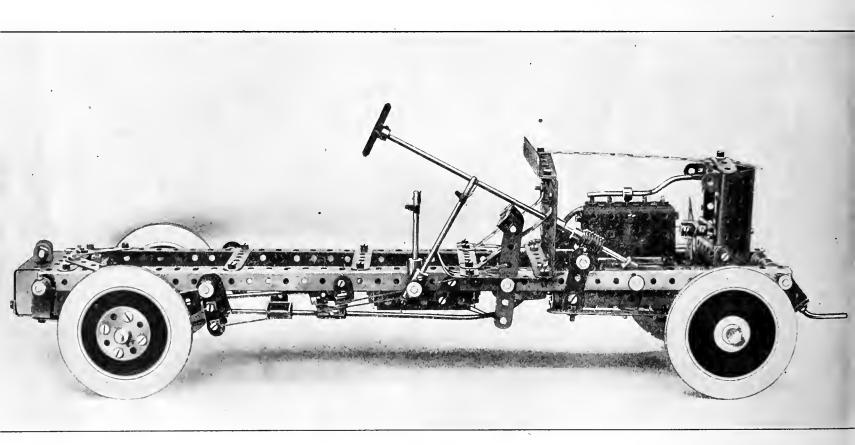
ANOTHER BIG MECCANO COMPETITION HAS STARTED. GET YOUR ENTRY FORMS FOR IT

©CLA410376



A Weaving Loom

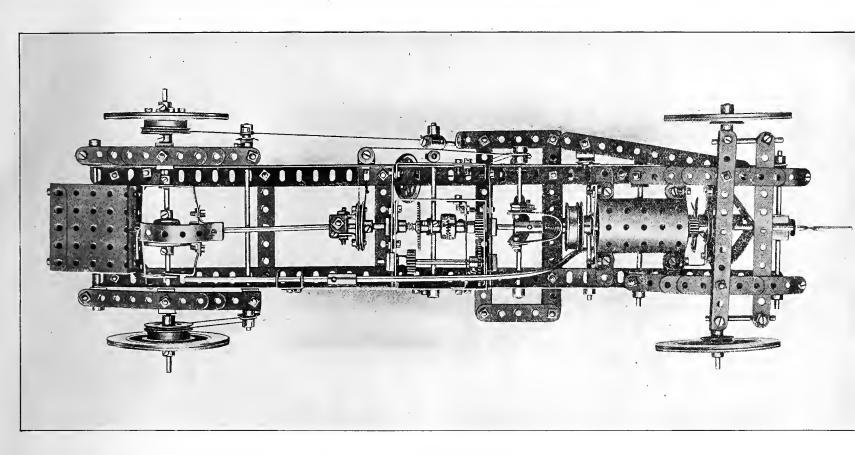
A fine effort, showing clever use of the Meccano patented parts. Scarfs. belts, hatbands, &c., in any colors may be woven with this loom. The healds in the original model were made of Meccano strips, but in the reproduction we have used the new Meccano healds. A turn of the handle operates the healds and the reed, and winds the material, at the same time.



Chassis

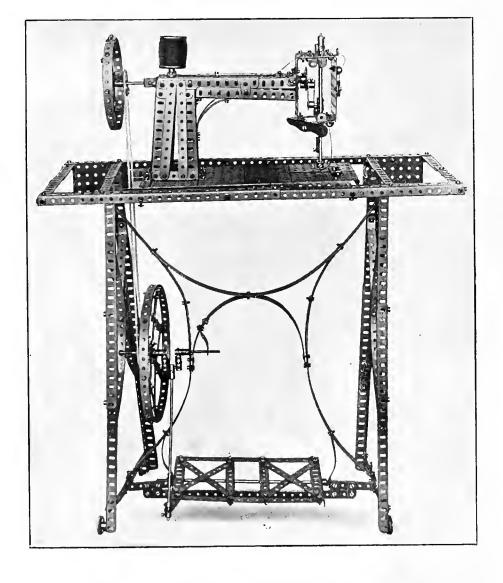
Most ingenious, every movement simple, but mechanically correct. The Meccano patented parts play a strong part in this model.

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PLAN OF CHASSIS

By means of these illustrations any Meccano boy should be able to build his own car. The new Meccano wheels are more effective than the cardboard ones shown. If the model gives you any trouble, send us a line, and we will mail you further illustrations.

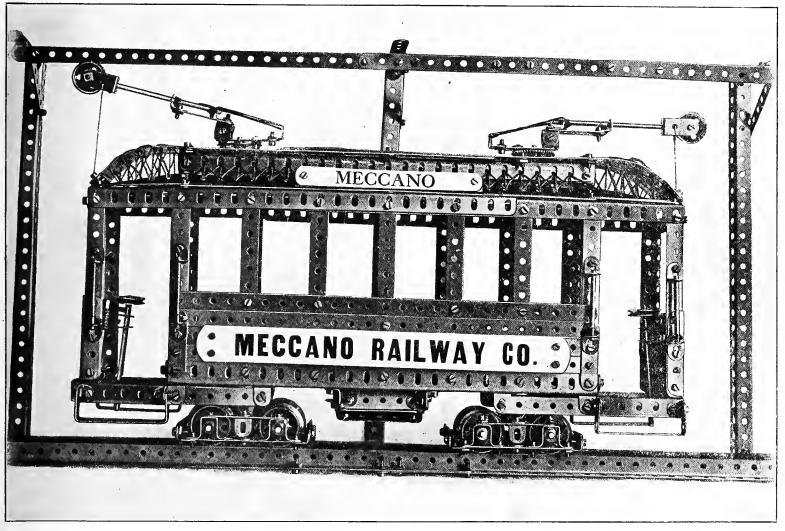


SEWING MACHINE

R. MONTBARBON, 8 Rue Caine, Paris, France.

A model of great interest, which any boy can construct and derive pleasure from.

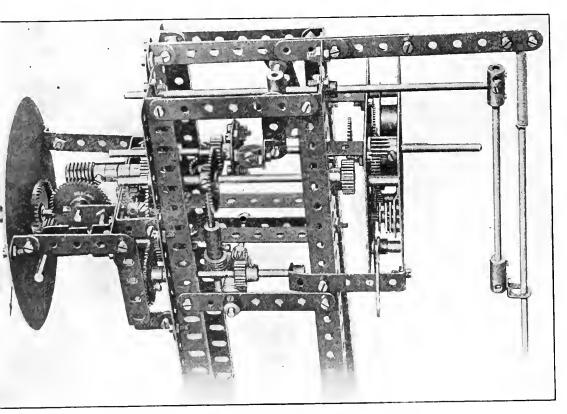
Note the excellent use made of the Meccano crank and coupling.



ELECTRIC TRAMWAY CAR

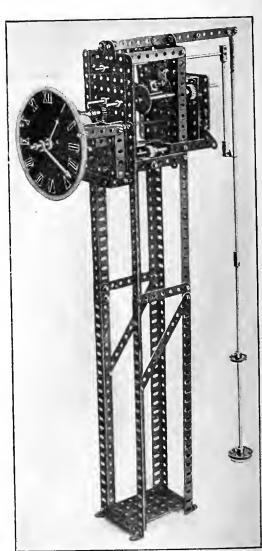
We have had many model Tramway Cars sent in to us from time to time, but this one shows most cleverness in design. This model demonstrates in a striking way the adaptability of the Meccano interchangeable parts to special uses.

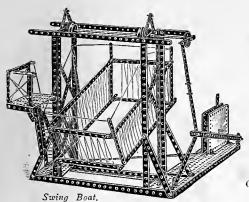
Sent in by E. LAWRENCE WOOD, Albany House, Bognor, Eng.



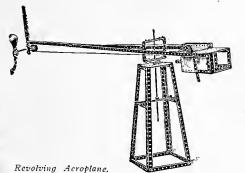
CLOCK, WORKED WITH THE MECCANO CLOCKWORK MOTOR

A Meccano Clock which actually works must interest every Meccano boy. We have endeavored to fully illustrate the movement and adjustments in our reproduction, and we hope every Meccano user will build the model for himself.





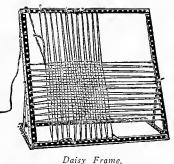
J. S. Jowitt, 66, Wentworth Street, Huddersfield.



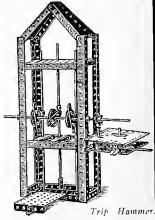
G. Adlam, 20, Riverside Road, Thorpe Hamlet, Norwich.

It is unnecessary to emphasize the superiority of Meccano. A look over these models will show you where

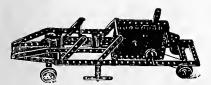
it excels.



Miss S. A. Pimlott, 34, Chestnut Grove, Wavertree, Liverpool.

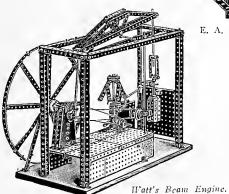


C. J. Salt. Ellesmere Grove Ave., Yeovil, Somerset.

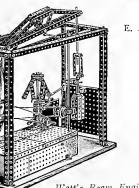


Automobile. Léon Bolleé, 107, Avenue Léon Bolleé, Le Mans, France.

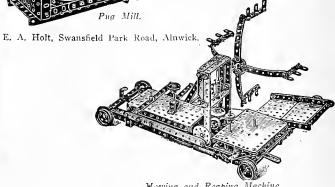
Lawn · Swing. Dan. C. Jackson, 209, Coshocton Avenue, Ohio



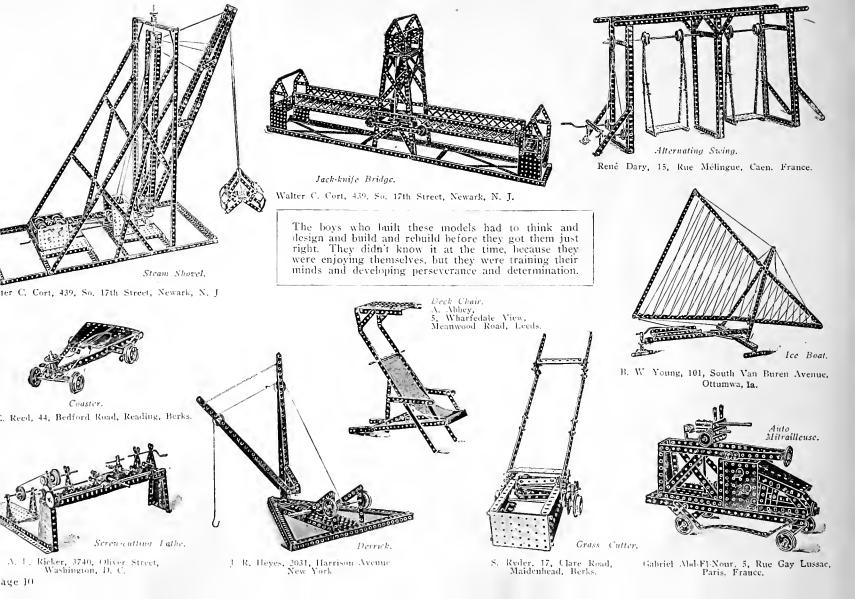
H. B. Foy, 16, Burlington Road, Dublin,

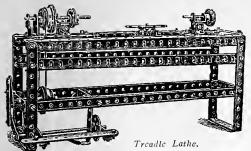


Mowing and Reaping Machine. René Lafugé, 30, Rue de la Croix Blanche, Bordeaux, Gironde, France.

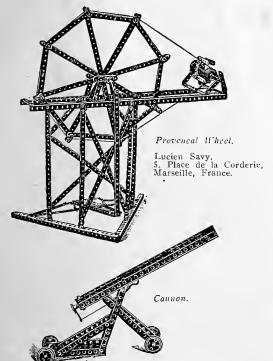


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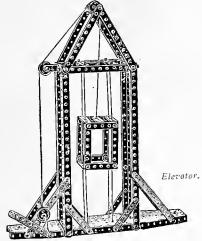




J. Palmer, 145, Christchurch Road, Ashford, Kent.

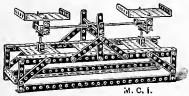


H. J. Robinson, 225, Ardmore Avenue, Trenton, N. J.



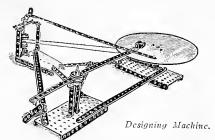
R. Dapper, 1369, Grotto Street. Pittsburg,

Big cash prizes and Meccano outfits are being given to inventive boys who design new models. Get particulars and entry forms for the Grand Competition which is now running.



Provision Scales.

A. B. Grosvenor, 27, St. Vincent's Road, Newport, Mon.

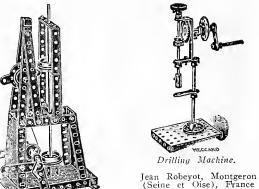


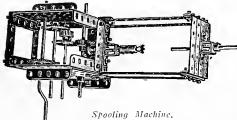
W. H. Beckett, 7, Enderley Street, Newcastle-u.-Lyme, Staffs.



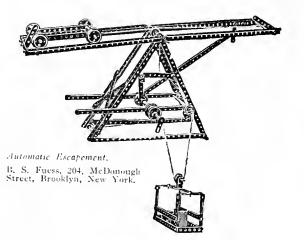
Trip Hammer.

Paul Heck, 64, Avenue de Bondy, Noisy-le-Sec. Seine, France.



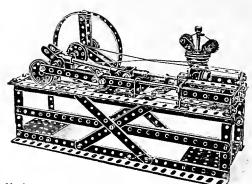


Elof Bergquist, S-3614, Arthur Street, Spokane, Wash.,



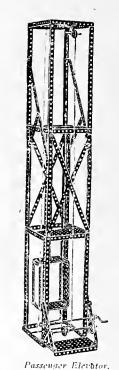


C. Winthrop, Junr., 830, Carter Avenue, Wichita, Kans.

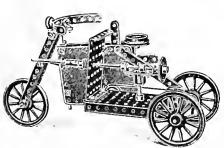


Horizontal Slide Valve Engine.
A. P. Rollett, 36, Balfour Street, Gainsborough. Lines.

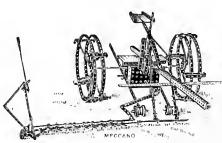
There are seven regular Meccano outfits costing from \$1 to \$36. Each one is complete, but you can always add new outfits and parts to it, in order to build bigger and better models.



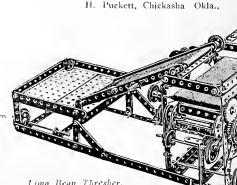
Double-action Windmill Pump.
J. Carter, 4855. Berenice Avenue,
Chicago, Ill.



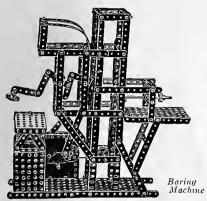
Motor Tricycle and Gun, Pombardier Thornely, 2/1, S. M. War R. G. A., 14, Louise Road, Northampton.



J. Mould, 307, Gidlow Lane, Wigan,



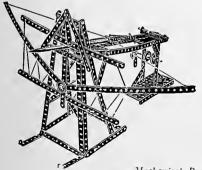
Lima Bean Thresher, James B. Anderson, 619, Canyon Drive, Beverly Hills, Cal.



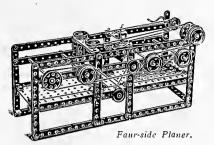
Bordeaux, France. Renė Lafuge, 30, Rue de la Croix Blanche,



D. C. Jackson, 209, Coshocton Ave., Mt. Vernon, Ohio,

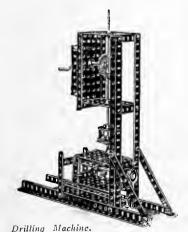


P. Angot, 40, Rue de la Pomme, Toulouse, France.



H. Baldwin, 95, Tisdale Street, N. Hamilton, Ontario, Canada.

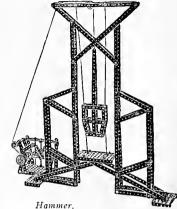
Mecanno does teach boys engineering. All the time they are building models they are acquiring knowledge which may some day prove of the greatest practical value to them.



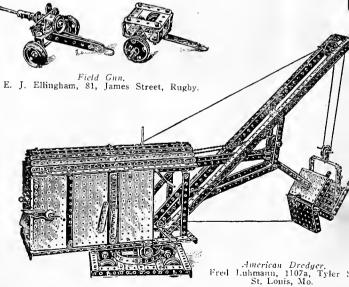
J. W. Lewis, East Melbury, Shaftesbury, Dorset.

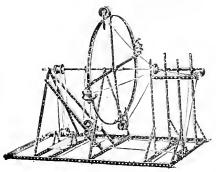


Balance,
Mons Brunet, 16, Rue St.
Perpétue, Nimes, France.

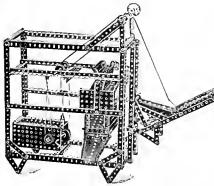


M. Brissac, 26, Rue Blutin, Clermont-Ferra (Puy de Dôme), France

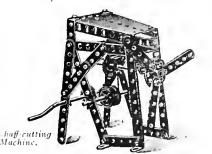




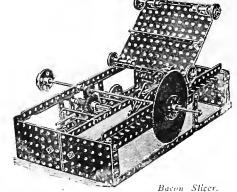
Wire-rope Maker. H. J. Thurnham, 62, Brampton Road, St. Albans, Herts.



Rock-crushing and Sorting Plont. F. Adams, 808, Taylor St., N.W., Washington D. C.



A. Southgate, 87, Clare Road, Maidenhead



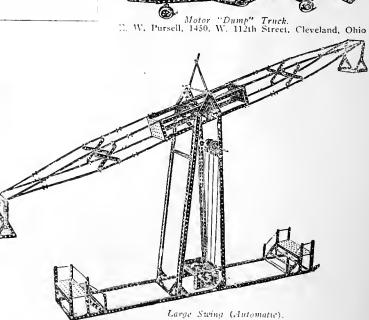


N. Goddard, 3. Shore Street, Shaw Road, Oldham.

Potato Reaping Machine

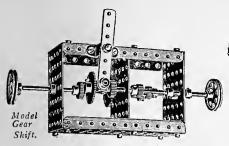


Coffee Grinder. H. Coullard, 15, Rue Ricouville, Rouen (Seine Interieure,), France.

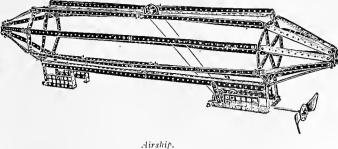


Miaux Jack, 10, Rue Villeneuve, La Rochelle, France.

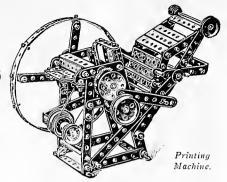
Crossbow. P. Ozanne, Pont l'Evèque, Calvados, France.



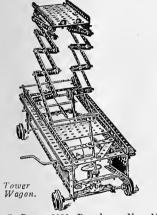
H. Walton, Gambier, Ohio



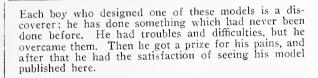
A. Hettwer, 907, Fourth Street, Milwaukee, Wis.

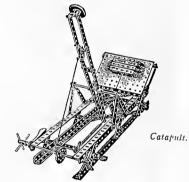


T. C. Price, 114, Sunnyhill Road, London, S. W.



W. S. Ryan, 3089, Broadway, New York



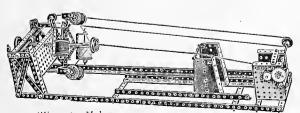


Maurice Lamorte, 19, Rue de Riom, Clermont Ferrand (Puy de Dome), France

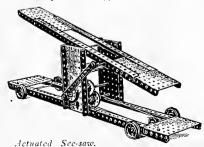


Clay Modelling Machine.

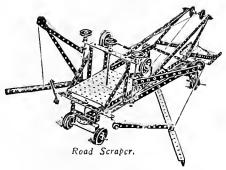
Wm. P. R. Parker, Walden, Clarkston, Glasgow.



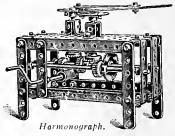
Wire-rope Maker. H. E. Dance, 6, Alexandra Road, Birkenhead.



Robert E. Osborn, 189, Livingston Avenue, New York
Page 15

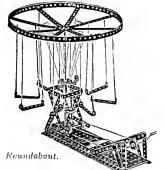


Coal Tip. W. S. Ryan, 3089, Broadway, New York,

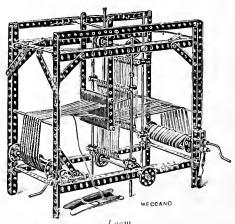


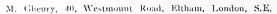
B. H. Harrison, 6, Devon Road, Bedford.

l.. Woodworth, Arcola, 111.,

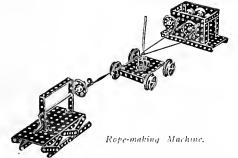


These models can only be built with Meccano. The best features of Meccano cannot be imitated, because they are protected by patents, and without these features no system is complete.



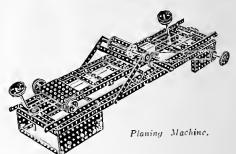


Jean Pichereau, 18, Rue des Jacobins, Caen, France.

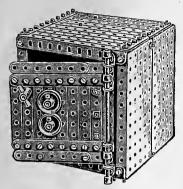


Chas. W. Hayton, 5, Esplanade, Redear, Yorks,

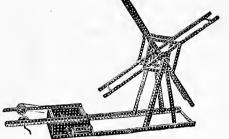
Fret Saw. W. H. White, Midland Cottages, Harlington, Beds.



B. Clifford Scott, 48, Falmouth Avenue, Chingford.



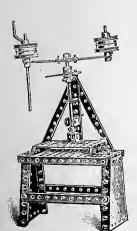
Combination Lack Safe.



Automatic Skein Winder.

Fairfield Hoban, 200, West 81st Street, New York

You begin to build models as soon as you get your outfit, Everything necessary is included, including full instructions. You don't have to study to build even the most complicated model.



Punch Press.
W. A. Barnett, 147, Pedro Street,
Millfields Road, Clapton, London.

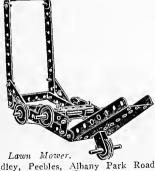


Foot Cycle.
Ll. Lloyd Jones, Grove Terrace,
Wrexham, Wales.

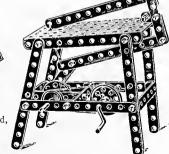


Letter Balance.





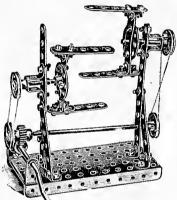
Headley, Peebles, Albany Park Road, Kingston-on-Thames.



Fret Saw. J. Moureaux, Agent-Voyer, St. Julien-s-Suran, France.



Traction Engine.

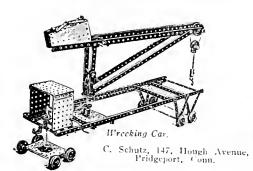


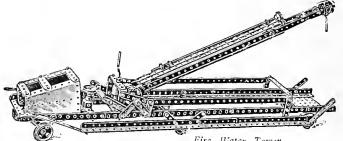
Candy Pulling Machine, W. R. Pelkins, 77, Kingsdale Street, Dorchester, Mass.



Mangling . Machine.

E. Lesster, 3, Clifton Terrace, Winchester, Hants.





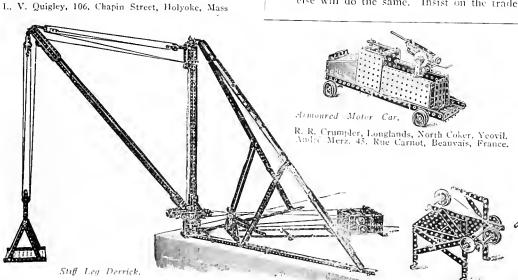
Fire Water Tower. C. Sayre, 310, Mo. L Street, Tacoma, Wash.

Pounding Mill.

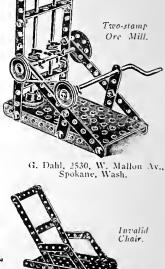
C. Hedemark, 1055, N. Mozart St., Chicago, Ill.



Once more-nothing but Meccano will make these models. When you ask for Meccano see that you get it. Nothing else is just as good-nothing else will do the same. Insist on the trade mark.



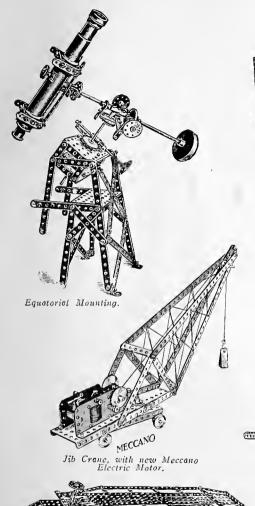
Forge Bellows. Andre Mari, 9, Rue Gounod, Nice, Alpes Maritimes, France.

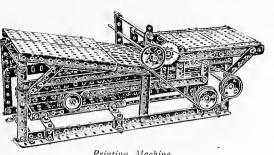


C. Hemenway, 614½, Windsor Avenue, Elmira, New York.

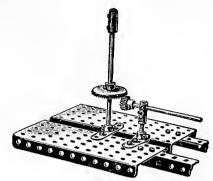
C. Lewis, Junn., 1100, Park Avenue, Utica, New York

Rand Saw, F R Winter, 47, Sydenham Park, London.



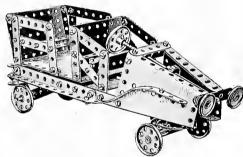


Printing Machine.

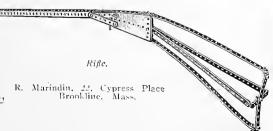


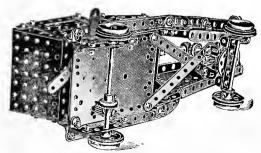
A new Meccano movement.

The Meccano Electric Motors are designed specially for running Meccano models. You get a lot more fun out of the hobby when you use one of these motors.



Automobile with Meccano Spring Motor.

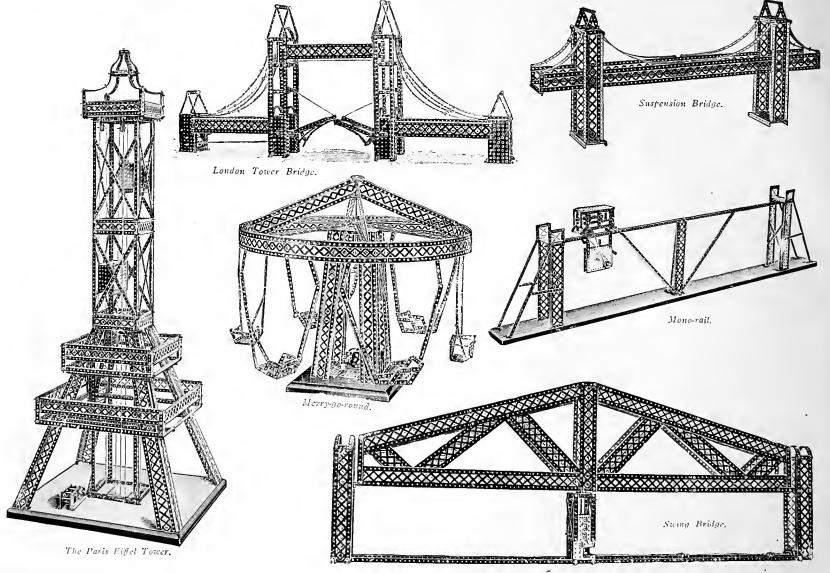




Underside view of above.

Bob Sled.

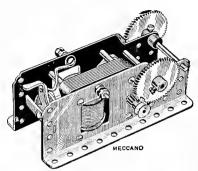
J. F. Wilhelm, 308, Louisa Street, Williamsport, Pa.



These models show the use of the Meccano girder strip. There is no other constructive part like it. It is the property of Meccano Co. Inc., and is fully protected.

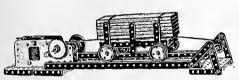
THE MECCANO ELECTRIC MOTOR

This is the Meccano Electric Motor—the most powerful and reliable toy electric motor made. It runs Elevators, Sawmills, Lathes, or any other Meccano models. Lifts 30 pounds dead weight when properly geared. 2 or 3 dry batteries will run it. Direct shaft drive; positive and powerful. Interchangeable gearing. It puts action into Meccano models; makes them operate like real machinery. Included as part of outfits Nos. 1x, 2x and 3x.



PRICES:

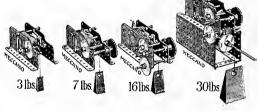
Without reversing mechanism...\$1.50 With reversing mechanism.... 3.00



Showing how to make an endless rope railway.



Showing the application of the motor to such models as the Merry Go Round, Maxim Flying Machine, &c.



This illustration shows a combination of gearings built from Meccano parts on to the Motor itself, the drive being direct from the Armature Spindle. Note the way in which a slow drive and substantial lifting power are secured. In this case three dry batteries (approximately four volts) were used.

Just a hint on the use of the non-reversing motor. When it is fitted to a crane or an elevator it is a good plan to secure a collar to the shaft, on the inside of the plate nearest the large gear wheel, allowing about ¼ in. play. When the load has reached the top the rod may be slid along sufficiently to throw the big gear wheel out of gear with the pinion, thus allowing the load to be released.

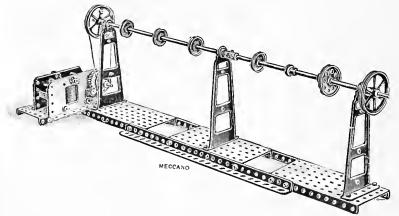
MECCANO OUTFITS WITH ELECTRIC MOTORS

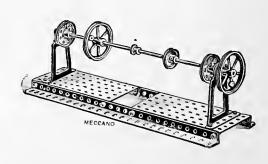
This is a splendid new series of Meccano outfits for those who desire to run their models by electricity. They are the regular Meccano outfits with the Meccano Electric Motor included. Each one forms a magnificent present for a live boy with ideas. The Electric Motor is practically another Meccano interchangeable part which can be applied to, or built into, the models in a thousand different ways. See full description on page 21.

MECCANO	No.	1X,	with	non-revers	sing mot	tor	 	\$3.00
4.6	No.	2X,	**	**	• •		 	5.00
+6	No.	3X,	with	reversing	motor		 	7.50



MECCANO SHAFTING STANDARDS





These are strong shafting standards of a new design, with Mcccano equidistant holes along the base. Fitted with brass bearings, ensuring smooth running. We illustrate a few methods of using these standards with the regular Mcccano parts.

Large Standards		 	 	 .20 each.
Small Standards	 	 	 	 .15 each.

THE MECCANO INVENTOR'S ACCESSORY OUTFIT

Any boy who does not own this outfit is missing his opportunities. We have crowded into it all the value we could put, and it is full of possibilities for the Meccano inventor. It contains a supply of the new Meccano Girder Strip; sprocket wheels and chain for giving a positive drive to working models; large wheels for motor cars, carriages, &c.; large and small pulley wheels for shafting; healds for making up the Meccano looms shown in our Prize Models, which every boy and girl will want to build and weave ties and belts with; couplings, cranks, washers, &c., parts which have previously been included in the higher-priced outfits only. For the inventor, who designs models and movements for himself, this outfit is a boon. No matter which regular outfit you possess, the parts are useful.

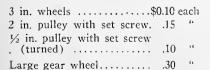
THE MECCANO CLOCKWORK MOTOR

This is one of the most popular of the Meccano lines, and a great favorite with all boys. It builds directly into Meccano Models, to which it gives life and movement. Applied to a crane, it will raise and lower a big load. It will work a Merry Go Round or an Elevator, or it can be made to form the chassis of a motor car, with starting, stopping, and reversing movements. Many ingenious ways of using this motor will be found in the preceding pages.

THE MECCANO GIRDER STRIP

Every boy will want to add this splendid new Meccano part to his outfit. All boys like to build big, imposing structures, and the Meccano Girder Strip enables them to do so. It has the regular Meccano equidistant holes along each side, and it fits in to any model. It is finely nickel-plated, and has the Meccano finish and accuracy. Supplied in two sizes, 12½ in. long by 2 in. wide, and 5½ in. by 2 in., in bundles of half a doz. We include the strip in the Meccano Inventor's Outfit, which we describe on this page, or it can be bought separately.

The Meccano	Girder	Strip,	12½ in. by 2 in	\$0.50	per	1/2	doz.
"	**		5½ in. by 2 in	.35	per	1/2	doz.

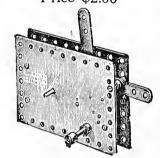


Sprocket wheel, 2 in\$0.20 each
Sprocket wheel, 1 in 15 "
Sprocket chain15 per yd.
Washers
Healds 30 per doz.
Spring motor pinions\$0.25 each

NEW MECCANO PARTS



Price \$2.00



Price \$2.00



Axle rods, Il ¹ / ₂ in. or 8 in.		
long	.05	each
Axle rods, 6 in., 5 in., or		"
4½ in		"
Axle rods, 1 in		
Motor pulley	.10	

Price List

No.	-									
No.									• • • • • • • • • • • • • • • • • • • •	2.00
No.			-						•••••	3.00
No.			• •							4.00
No.		. 46	" (c	ontaining	; Ele	ectric I	Moto	r)	• • • • • • • • • • • • • • • • • • • •	5.00
No.	3	"	"							-6.00
No.	3 X		" (cc	ntaining	Ele	ectric I	Moto	r with	controller)	7.50
No.	4	"	" (a	spring 1	noto	r is gi	ven :	free v	with this outfit)	10.00
No.		"	" (a	spring r	noto	r is gi	ven i	free v	with this outfit). (In cloth bound box)	14.00
No.		"		esentatio	n Ou	itfit, pa	icked	l in w	vell made mahogany stained box with No. 1 Spring Motor	
No.	6	"	" Pr						vell made mahogany stained box with No. 1 Spring Motor	36.00
					Me	eccano	Acc	esso	ry Outfits	
No.	0A	Containi	ng sufficie	ent parts	to	convert	aM	[eccai	no No. 0 into a No. 1 outfit	1.00
No.			"	"	"	4.6	"	44	No. 1 into a No. 2 " or 1x into 2x	2.00
No.			"	"	"	44	"	"	No. 2 into a No. 3 " or 2x into 3x (without Motor Controller)	2.00
No.	3 A	"	46	66	"	"	**	"	No. 3 or 3x into a No. 4 outfit (with the exception of spring motor)	4.00
No.	4 A	66	"	4.6	"	4.4	"	"	No. 4 into a No. 5 outfit	4.00
			acked in	well mad	le m	ahogar	ıy sta	ained	box with lock and key	-8.00
2.00		•		ent parts	to c	onvert	аМ	eccan	o No. 5 into a No. 6 outfit. Packed in	
No.	5A	Ditto. P	acked in						box with lock and key	
110.	3/1									10.00
		YOUNG	INVENT	Meccan	o ou	tfit)			Γ (can be used with any completen Accessory Outfits	2.00



0 019 344 386 2

Meccano Prize Models